

Focus On Health Care For Life



Technology Innovation/Quality and Efficient

Customer First/Honest and trustworthy

BIGWAY MEDICAL

www.bigwaymedical.com

Medical Mini Spike



BIGWAY Spikes

The preparation and withdrawal of drugs and cytostatics present a high risk of bacterial and particulate contamination, as well as leakage and aerosol contamination. The more varied the preparations used, the safer and simpler must be their handling. BIGWAY has therefore developed a compact and handy needle-free system for the preparation and withdrawal of drugs.



BIGWAY Spikes

View



Benefit

- ▶ Low puncture force
- ▶ Hydrophobic bacteria filter of 0.2 µm for a bacteria-free ventilation
- ▶ High retaining strenght in the container due to nonsiliconized cannulae
- ▶ Excellent performance during aspiratrion procedures
- ▶ Ergonomic design and easy handling

Bigway medical Spikes are systems for the aspiration of fluids from multi-dose containers. They are used to withdraw and inject medication for injections or infusions.

Details

- ▶ Protection against contamination by a large, tight-sealing protection cap
- ▶ Various types of membranes and housing
- ▶ Latex-, PVC- and DEHP-free
- ▶ Insulin-proof
- ▶ Small residual volume
- ▶ Typ Chemo: Clear MABS**, protection against elution of color particles by aggressive cytostatics

Order Information

REF	Name	Color code	Particle filter	PVC-Free	Latex-Free
With baterial-retentive air filter 0.45um					
BW/MS-1001	Mini spike	■ Green	---	•	•
With baterial-retentive air filter 0.45um and 5um particle filter					
BW/MS-2001	Mini spike	■ Blue	5um	•	•
With baterial-retentive air filter 0.2um and 5um particle filter					
BW/MS-3001	Mini spike	■ Red	5um	•	•

BIGWAY Spikes

Benefit



Advantages

Needle-free solution to withdraw or inject lyophilized fluids.

5 μ m fluid filter to prevent particle contamination.

0.45 μ m/0.2 μ m air filter to prevent microbial and chemical contamination.

Inbuilt air channel which automates pressure balancing.

High flow rate

Ergonomic design

Tight-Seal snap cap for ergonomic handling

Order Information

REF	Color code	Particle filter	Air Filter	PVC-Free	Latex-Free
BW/MS-7001	■ Green	●	0.45 μ m	●	●
BW/MS-7002	■ Blue	5 μ m	0.45 μ m	●	●
BW/MS-7003	■ Red	5 μ m	0.2 μ m	●	●

Features

- ▶ Needle-free dispensing pin
- ▶ Tight-Sealing snap cap
- ▶ 2 distinct air and fluid channels
- ▶ Automation of pressure balancing
- ▶ Universal spike for medication vial
- ▶ Large grip plate for convenient and intuitive handling
- ▶ PVC , DEHP , Latex -free

BIGWAY Spikes

13MM SWABABLE VIAL CAP

GENERAL CHARACTERISTICS

- Halkey-Roberts new swabable luer valves were developed as needlefree injection ports in IV applications. They are designed to aspirate or inject fluids on demand. The valves allow multiple usage and require no cap. Valve stems will mate securely with all standard luer syringes and luer connectors.
- All materials are Gamma resistant, ISO 10993 compliant, DEHP-free and not made with natural rubber latex.
- Vial caps are available in polycarbonate.
- Produced under GMP: Halkey-Roberts is an ISO 13485-2003 and FDA registered manufacturing facility.
- The Swabable Valve series is a medical component: bulk, non-sterile, for manufacturing processing or repacking only.
- Customer is responsible for the Qualification/Verification of the HR[®] medical component in their final device application.
- Luer fittings are compatible with International Standard ISO 594, and ISO 80369-7



13MM SWABABLE VIAL CAP

BW/MS-8002

PERFORMANCE CHARACTERISTICS

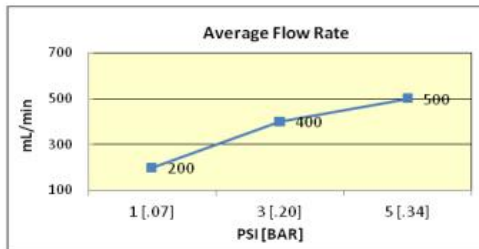
- Priming volume: 0.06 mL

Flow Rate Averages

- Flow Rate @ 1 psi
- Flow Rate @ 3 psi
- Flow Rate @ 5 psi

13mm

200 ml/minute
400 ml/minute
500 ml/minute



MATERIALS

- Swabable Stem: Blue Silicone
- Swabable Body: Clear Polycarbonate

PACKAGING AND SHIPPING

- Valves are bulk packaged, double bagged in clean, closed polybags
- Shipping container is clearly labeled with HR[®] part number, lot number and quantity

POTENTIAL STERILIZATION METHOD

- ETO and Gamma, based on raw material manufacturer's data

20MM SWABABLE VIAL CAP

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20MM SWABABLE VIAL CAP

BW/MS-8001

PERFORMANCE CHARACTERISTICS

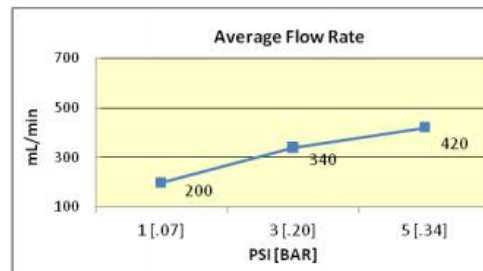
- Priming volume: 0.06 mL

Flow Rate Averages

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- Flow Rate @ 3 psi
- Flow Rate @ 5 psi

20mm

200 ml/minute
340 ml/minute
420 ml/minute



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View



View



View



Order Information

REF	Needle Free	PVC-Free	Latex-Free
BW/MS-4001	---	•	•
BW/MS-4002	Yes	•	•

Order Information

REF	Needle Free	PVC-Free	Latex-Free
BW/MS-5001	---	•	•
BW/MS-5002	Yes	•	•

Order Information

REF	Length	PVC-Free	Latex-Free
BW/MS-6001	65mm	•	•